



City of
Peterborough

To: **Members of the General Committee**

From: **Cynthia Fletcher**
Commissioner of Infrastructure and Planning Services

Meeting Date: **March 8, 2021**

Subject: **Report IPSENG21-008**
2021 Road Re-Surfacing Program

Purpose

A report to outline the prioritization process and recommend the roads to be included in the 2021 Road Re-surfacing program.

Recommendations

That Council approves the recommendations outlined in Report IPSENG21-008, dated March 8, 2021 of the Commissioner of Infrastructure and Planning Services, as follows:

- a) That the roads listed in Chart 1 be approved for the 2021 Re-surfacing program, and
- b) That, as part of the 2022 budget, staff develop an additional 4-year plan to address more Roads with PCI under 25, which will be considered for approval as part of future annual budget reviews.

Budget and Financial Implications

There are no further budget implications in Council approving this report. At its meeting of December 14, 2020, Council approved \$1M to address the Road Re-surfacing program for 2021.

Background

The intention of this report is to provide a follow up to Report IPSENG20-042, dated November 23, 200. Council directed that staff report back in early 2021 with a list of proposed roads to be addressed this year.

This report provides follow up to explain the rationale for taking a geographic approach in developing the program and to recommend that staff develop a 4-year program extending that geographic approach to other areas of the City. The multi-year program will be considered and approved by Council as part of future annual budget reviews. Staff has also included a summary of all road improvement projects completed, underway or planned for the years 2019-2021, in Appendix B.

Regulation and Pavement Condition Index (PCI)

Ontario Regulation 239/02 of the **Municipal Act** sets out minimum maintenance standards for Municipal highways and roads.

Industry standard for developing a roads rehabilitation program involves a thorough assessment of the condition of the road network. The condition assessment involves a complex matrix of criteria, such as classification, regulatory requirements, bus routes, traffic loads, urbanized/non-urbanized, sub-surface infrastructure, surface material, surface infrastructure etc.

A standard road rehabilitation and maintenance program uses the assessment criteria to develop a Pavement Condition Index (PCI):

- Roads with PCI under 25 are intended to be re-constructed
- Roads with PCI under 40 are intended for re-design and then re-construction
- Roads with PCI above 40 are intended to be captured in a regular maintenance/pavement preservation program.

In 2019, the City completed an update to the Pavement Condition Index (PCI) inventory as established in the comprehensive Road Needs Study (Report USEC14-005). The original study produced a pavement condition index (PCI) ranking for each road or segment of road. This information helps the City establish a consistent framework for prioritizing roads. Typically, the PCI inventory is updated on a two-year cycle and is next scheduled for Summer 2021.

The City's Roads Programs

- 1) **Re-Construction:** Typically for roads with a PCI of below 25, critical infrastructure (storm, sanitary, water components, buried utilities) and supporting material needs to be replaced and/or the road is to be urbanized (the new installation of critical infrastructure). Inventory: The City has ~125 lane-kms of roads with PCI under 25 (some single lane and some multi-lane). The roads with PCI under 25 are listed in Appendix A.

- 2) **Pavement Preservation/Preventative Maintenance:** The intention of pavement preservation is to address maintenance needs throughout the life of the road assembly (includes underground infrastructure, utilities, supporting material and road surface) to extend the lifespan. Newly reconstructed roads are to be captured in the pavement preservation program starting 5-10 years following the upgrades and maintenance activities are conducted on a prescribed cycle throughout the road's lifespan. The preservation program could result in a 50-60 life expectancy rather than the original 25-30 year reconstruction lifecycle. Inventory: The City has ~ 850 lane kms of roads with PCI greater than 25 (some single lane and some multi-lane).
- 3) **Resurfacing Program:** This program is intended to provide temporary (5-10 year) surface improvements to ~125 lane kms of roads in the cue for re-construction.

Through the 2020 budget review, Council approved use of \$1M of one-time Federal Gas Tax funding to implement a Pilot Program to re-surface one road in each Ward. The program allowed for approximately 2.5 lane kms of road re-surfacing.

For 2021, Council approved funding and directed that staff report back with a list of proposed roads to be addressed.

Proposed roads for the Re-surfacing Program:

In prioritizing roads for the re-surfacing program, staff used the following criteria:

- The road is not scheduled for re-construction within the next 5 years
- The road is not impacted by another project (either City or private development)
- The PCI for the road is <25
- The road is suitable for a temporary re-surfacing treatment vs needing a more extensive repair
- Other factors considered: traffic volumes, bus routes, classification of road, delivery routes

In proposing the roads for 2021, staff used the prioritization criteria listed above and added a geographic lens, i.e., the roads were bundled, where feasible, to realize economies of scale and reduce the potential disruption to neighbourhoods (vs if roads were addressed individually). Staff intend to develop a multi-year potential program, which would extend this prioritization approach to other areas of the City. This multi-year (4 years) program would be presented for Council consideration annually, as part of the annual budget review. Developing an ongoing Road Re-surfacing program requires sustained funding.

Roads Proposed for Re-surfacing in 2021:

Chart 1: Northcrest Ward

Street	From	To
Simons Ave	Chemong Rd	Hillside St
Scollard Rd	All	
Daniel St	All	
Dewar Cres	All	
Deana Blvd	All	
O'Leary Ave	All	

The roads in the Simons Sub-division are proposed for the Re-surfacing Program in 2021 for the following reasons

- The PCI for each of the roads is <5
- Addressing the roads has been “on hold” pending an understanding of private development in the area. The City now understands the limits of the current development and the areas slated for future development.
- There is benefit to the City in aligning work with the approved development project and/or get out ahead of the development. The proposed development is progressing through the planning process and could begin construction as early as Summer 2022. Site and road preparation activities may provide opportunity for the City to coordinate work. The development will incorporate the re-surfacing of Hillside Street, Martin Road and Simons Avenue from Martin Road to Hillside Street. There is benefit to the City addressing the surrounding roads this year.
- The proposed roads can be addressed through re-surfacing treatments
- The City is not planning re-construction of the roads within the foreseeable future

In reviewing IPSENG20-042, some Council members, while understanding the rationale for a geographic approach to the proposed program, expressed concern that needs are not being addressed in more areas of the City. Staff has included Appendix B to this report, which outlines the road improvements completed, underway and planned for the years 2019, 2020 and 2021, in all of the City’s Roads programs. Although the road re-surfacing program is proposed to have a geographic focus, work in other road programs continues in other areas of the City.

While the 2020 re-surfacing program addressed a road in each ward, there was a loss of efficiency and increased costs in moving equipment to various parts of the City and multiple traffic control/construction zone signage set-ups. A geographic approach is preferable from an implementation perspective.

Summary

The City of Peterborough uses an industry standard method to create a pavement condition index (PCI) and prioritize roads for construction (new) or re-construction, pavement preservation and re-surfacing. In 2020, Council approved a pilot program to address these roads with PCI under 25 and the City re-surfaced ~ 2.5 lane kms. For 2021, Council approved another \$1M to address Road Re-surfacing. Staff has proposed a list of roads for the 2021 program, using standard prioritization criteria and a geographic approach. Staff is also proposing to develop a multi-year re-surfacing program, to be approved by Council as part of the annual budget reviews.

Submitted by,

Cynthia Fletcher
Commissioner, Infrastructure and Planning Services

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Attachment

Appendix A – City Roads – PCI Under 25
Appendix B – Road Improvement Projects 2019-2021

Appendix A

Roads with PCI Under 25

Sorted by Ward

STREET NAME	FROM	TO	WARD	CLASS	LENGTH (m)	PCI 2019	Notes
Bensfort Rd	Sherin Ave	Dead End North	Ashburnham	Local	63	6	Part of Shoreline project
Sutherland Pl	Dead End West	Rogers St	Ashburnham	Local	74	8	
University Rd	City Limit	Nassau Mills Rd	Ashburnham	Arterial	1061	8	Part of North End EA Study
Ludgate St	Caddy St	Euclid Ave	Ashburnham	Local	79	10	
Beverly St	Welsh St	Caddy St	Ashburnham	Local	81	11	
Dunlop St	Dead End West	Auburn St	Ashburnham	Local	39	11	
Maria St	Edgewater Blvd	Burnham St	Ashburnham	Local	92	12	
Thornbury Dr	Old Norwood Rd	MacFarlane Ave	Ashburnham	Local	268	12	
Armour Rd	Nassau Mills Rd	Dead End East	Ashburnham	Local	286	13	Part of North End EA Study
Ludgate St	Euclid Ave	Woodbine Ave	Ashburnham	Local	76	13	Requires Rehabilitation
Knox St	Munroe Ave	Carlisle Ave	Ashburnham	Local	79	14	Requires Rehabilitation
Moir St	Lisburn St	Dead End West	Ashburnham	Local	66	14	
Sophia St	Rogers St	Armour Rd	Ashburnham	Local	161	14	
St Luke's Ave	Rogers St	Armour Rd	Ashburnham	Local	160	14	
Woodbine Ave	Ludgate St	Dead End East	Ashburnham	Local	125	14	
Burnham Ct	Wallace St	Dead End North	Ashburnham	Local	58	15	
Engleburn Pl	Engleburn Ave	Dead End East	Ashburnham	Local	86	15	
Southpark Dr	Collison Ave	Collison Cr	Ashburnham	Local	82	15	
Vinette St	Armour Rd	Lisburn St	Ashburnham	Local	91	15	Requires Rehabilitation
Birdsall St	Maria St	Charles St	Ashburnham	Local	75	16	
Collison Ave	Denne Cr	Southpark Dr	Ashburnham	Local	253	16	
Southpark Dr	Collison Cr	Riverview Ht	Ashburnham	Local	88	16	
Denne Cr	Denne Cr	Southpark Dr	Ashburnham	Local	254	16	
Robinson St	Mark St	Rogers St	Ashburnham	Local	222	16	
Museum Dr	Hunter St E	Dead End North	Ashburnham	Unclassified	355	16	
Dafoe Dr	Dead End South	Armour Rd	Ashburnham	Local	323	16	
Vinette St	Auburn St	Dead End West	Ashburnham	Local	29	16	
McNamara Rd	Guthrie Dr	Driscoll Rd	Ashburnham	Collector	589	16	

STREET NAME	FROM	TO	WARD	CLASS	LENGTH (m)	PCI 2019	Notes
Munroe Ave	Armour Rd	Knox St	Ashburnham	Local	245	17	
Maxwell Ave	Barker Ave	Sherin Ave	Ashburnham	Local	278	17	
Ludgate St	McFarlane St	Welsh St	Ashburnham	Local	109	17	
Carlisle Ave	Armour Rd	Knox St	Ashburnham	Local	230	17	
Beverly St	McFarlane St	Welsh St	Ashburnham	Local	109	17	
Lisburn St	Vinette St	Moir St	Ashburnham	Local	180	18	
Euclid Ave	Trent St	Ludgate St	Ashburnham	Local	206	18	
Welsh St	Ludgate St	Watts Ave	Ashburnham	Local	82	18	
Edgewater Blvd	Maria St	Wallace St	Ashburnham	Local	383	18	
Southpark Dr	Denne Cr	Collison Ave	Ashburnham	Local	81	19	
Stanley Ave	Dead End West	Rogers St	Ashburnham	Local	86	19	
Maxwell Ave	Bensfort Rd	Barker Ave	Ashburnham	Local	93	19	
Charles St	Engleburn Ave	Birdsall St	Ashburnham	Local	69	19	
Nassau Mills Rd	Armour Rd	University Rd	Ashburnham	Arterial	594	19	
Simmons Ave	Dead End South	McFarlane St	Ashburnham	Local	92	20	
Maria St	Mark St	Rogers St	Ashburnham	Collector	350	20	
Maniece Ave	Ashburnham Dr	Television Rd	Ashburnham	Collector	1354	20	
Engleburn Ave	Charles St	Engleburn Ave	Ashburnham	Local	104	21	
Engleburn Ave	Engleburn Pl	Burnham St	Ashburnham	Local	210	21	
Dufferin St	Elgin St	Rogers St	Ashburnham	Local	88	21	
McNamara Rd	Driscoll Rd	Guthrie Dr	Ashburnham	Collector	1004	21	
Driscoll Rd	Matchett Li	McNamara Rd	Ashburnham	Local	1350	21	
Clifton St	Rogers St	Armour Rd	Ashburnham	Local	154	22	
Collison Ave	Bensfort Rd	Collison Cr	Ashburnham	Local	164	22	
Collison Cr	Collison Ave	Southpark Dr	Ashburnham	Local	367	22	
Ashburnham Dr	City Limit	Neal Dr	Ashburnham	Arterial	475	23	
Engleburn Ave	Maria St	Charles St	Ashburnham	Local	90	23	
Maniece Ave	Armour Rd	Dead End North	Ashburnham	Local	58	23	
Carlisle Ave	Knox St	Dead End East	Ashburnham	Local	116	24	
Euclid Ave	Ludgate St	Dead End East	Ashburnham	Local	137	24	
Hunter St E	Hunter St E	Ashburnham Dr	Ashburnham	Arterial	42	24	
Technology Dr	O'Brien Dr	Keene Rd	Ashburnham	Collector	1720	24	

STREET NAME	FROM	TO	WARD	CLASS	LENGTH (m)	PCI 2019	Notes
Sherin Ave	Dead End North	Bensfort Rd	Ashburnham	Local	83	25	
Crestwood Ave	Dead End West	Kawartha Heights Blvd	Monaghan	Local	44	3	
Cindy St	Dead End East	Facendi Dr	Monaghan	Local	48	6	
Ackison Rd	Parkhill Rd W	City Limit	Monaghan	Collector	974	9	Requires rehabilitation
Facendi Dr	Cindy St	Facendi Ct	Monaghan	Local	120	11	
Edgewood Rd	Roper Dr	Dead End North	Monaghan	Local	175	13	
Daleview Ave	Springbrook Dr	Springbrook Dr	Monaghan	Local	370	14	
Facendi Dr	Facendi Ct	Parkhill Rd W	Monaghan	Local	143	14	Requires Rehabilitation
Lily Lake Rd	City Limit	Eastwood Rd	Monaghan	Arterial	892	14	Requires Rehabilitation
Sherbrooke St	Denure Dr	Brealey Dr	Monaghan	Arterial	374	15	Future Project
Brealey Dr	Lansdowne St W	Cherryhill Rd	Monaghan	Arterial	364	18	Future Project
Brealey Dr	Mapleridge Dr	Kawartha Heights Blvd	Monaghan	Arterial	160	18	Future Project
Lily Lake Rd	Eastwood Rd	Fairbairn St	Monaghan	Arterial	798	19	
Roper Dr	Moorecraig Rd	Edgewood Rd	Monaghan	Local	132	23	
Valleyview Dr	Valleyview Dr	Valleyview Dr	Monaghan	Local	350	24	
Sherbrooke St	Linden Lee	Hywood Rd	Monaghan	Arterial	140	25	Future Project
Cindy St	Facendi Dr	Dead End West	Monaghan	Local	65	25	
Pulpit Rd	Heather Ln	Bridle Dr	Monaghan	Local	95	25	
Facendi Ct	Facendi Dr	Dead End West	Monaghan	Local	66	25	
Fairmount Blvd	Kensington Dr	Kawartha Dr	Monaghan	Collector	216	25	
Victoria Ave	Reid St	Downie St	Northcrest	Local	177	12	
Aberdeen Ave	Downie St	Donegal St	Northcrest	Local	198	14	
Nicholls St	Dumble Ave	Elizabeth Ave	Northcrest	Local	159	14	Requires Rehabilitation
Towerhill Rd	Hillview Dr	Fairbairn St	Northcrest	Arterial	621	14	Requires Rehabilitation
Deana Blvd	Martin Rd	O'Leary Ave	Northcrest	Local	89	15	
Elmdale Cr	Philip St	Philip St	Northcrest	Local	62	16	
Manning Ave	Benson Ave	Aylmer St N	Northcrest	Local	226	17	
Aylmer St N	Aberdeen Ave	Wolsely St	Northcrest	Local	89	17	
Deana Blvd	O'Leary Ave	Simons Ave	Northcrest	Local	106	17	
Elmdale Cr	Philip St	Philip St	Northcrest	Local	143	17	
McCrea Dr	Dead End East	Fairbairn St	Northcrest	Local	382	17	

STREET NAME	FROM	TO	WARD	CLASS	LENGTH (m)	PCI 2019	Notes
Hillside St	Daniel St	Dead End West	Northcrest	Local	31	17	
Victoria Ave	Downie St	Donegal St	Northcrest	Local	196	18	
Aylmer St N	Parkhill Rd W	Geraldine Ave	Northcrest	Local	100	19	
Nicholls St	Cluxton St	Dumble Ave	Northcrest	Local	82	19	
Elizabeth Ave	Gilbert St	Nicholls St	Northcrest	Local	125	19	
Cluxton St	Barnardo Ave	Conger St	Northcrest	Local	130	21	
Clarke Dr	Dead End East	Barnardo Ave	Northcrest	Local	126	22	
Aberdeen Ave	Benson Ave	Aylmer St N	Northcrest	Local	222	22	
Applegrove Ave	Chemong Rd	Rosehill Dr	Northcrest	Local	194	22	Future Project
Aylmer St N	Manning Ave	Aberdeen Ave	Northcrest	Local	88	22	
Fairbairn St	Lily Lake Rd	City Limit	Northcrest	Collector	173	22	
Simons Ave	Chemong Rd	Deana Blvd	Northcrest	Local	105	23	
Lee St	Birch Ave	Barnardo Ave	Northcrest	Local	180	23	
Lee St	Philip St	Birch Ave	Northcrest	Local	257	24	
Aberdeen Ave	Dead End East	Benson Ave	Northcrest	Local	118	24	
Trentway Vista	Milburn St	Algonquin Blvd	Northcrest	Local	82	24	
Cumberland Ave	Royal Dr	Ungava Ave	Northcrest	Arterial	556	24	
Hillview Dr	Dead End South	Towerhill Rd	Northcrest	Local	323	24	
Simons Ave	Martin Rd	Dead End South	Northcrest	Local	32	24	
Aberdeen Ave	Bethune St	Chemong Rd	Northcrest	Local	137	25	
Bethune St	Aberdeen Ave	Wolsely St	Northcrest	Local	89	25	
Daniel St	Scollard Rd	Dewar Cr	Northcrest	Local	348	2	
Hillside St	Simons Ave	Daniel St	Northcrest	Local	138	2	Impacted by development
Martin Rd	O'Leary Ave	Simons Ave	Northcrest	Local	123	2	Impacted by development
Simons Ave	Deana Blvd	Scollard Rd	Northcrest	Local	143	2	Impacted by development
Dewar Cr	Daniel St	Dead End East	Northcrest	Local	65	3	
Elizabeth Ave	Philip St	Gilbert St	Northcrest	Local	83	4	
Martin Rd	Deana Blvd	O'Leary Ave	Northcrest	Local	135	4	Impacted by development
O'Leary Ave	Deana Blvd	Martin Rd	Northcrest	Local	213	4	
Scollard Rd	Simons Ave	Daniel St	Northcrest	Local	89	4	
Daniel St	Dead End East	Scollard Rd	Northcrest	Local	105	6	
Simons Ave	Hillside St	Martin Rd	Northcrest	Local	65	6	Impacted by development

STREET NAME	FROM	TO	WARD	CLASS	LENGTH (m)	PCI 2019	Notes
Simons Ave	Scollard Rd	Hillside St	Northcrest	Local	185	7	Impacted by development
Daniel St	Dewar Cr	Hillside St	Northcrest	Local	99	9	
Harper Rd	Harper Rd	Rye St	Otonabee	Collector	345	8	Part of Subwatershed Study Area
Crown Dr	The Queensway	The Kingsway	Otonabee	Local	219	12	
Arthur Ave	Dead End South	St Mary's St	Otonabee	Local	72	14	
Barret St	Braidwood Ave	McGill St	Otonabee	Local	99	14	
Cameron Pl	The Queensway	Dead End South	Otonabee	Local	143	14	
St Catherine St	Arndon Ave	Howden St	Otonabee	Local	103	14	Requires rehabilitation
Harper Rd	Crawford Dr	Harper Rd	Otonabee	Local	411	15	Part of Harper Creek Subwatershed
St Catherine St	Cameron St	Arndon Ave	Otonabee	Local	135	15	Requires rehabilitation
St Catherine St	Howden St	McKellar St	Otonabee	Local	77	15	
Whittington Dr	Dead End East	Spillsbury Dr	Otonabee	Local	229	15	
Green Blvd	Spillsbury Dr	Kingdon Ave	Otonabee	Local	521	18	
Lundy's Ln	Noble Pl	High St	Otonabee	Local	235	18	
Sherbrooke St	Glenforest Blvd	Woodglade Blvd	Otonabee	Arterial	559	18	Future Project
Harper Rd	Harper Rd	Rye St	Otonabee	Local	305	18	
Dobbin Rd	City Limit	Lansdowne St W	Otonabee	Local	495	20	
Lock St	Fradette Ave	Braidwood Ave	Otonabee	Collector	70	21	
Lundy's Ln	Monaghan Rd	Noble Pl	Otonabee	Local	81	22	
Rye St	Harper Rd	Webber Ave	Otonabee	Collector	285	22	
Kawartha Cr	Dead End South	Lansdowne St W	Otonabee	Local	151	23	
Johnston Dr	Crawford Dr	City Limit	Otonabee	Arterial	2164	24	
Survey St	Gillespie Ave	McKellar St	Otonabee	Local	81	25	
Rye St	Webber Ave	Lansdowne St W	Otonabee	Local	455	25	
Brock St	Dead End East	Sheridan St	Town	Local	95	1	
Bethune St	Dalhousie St	Sherbrooke St	Town	Local	139	2	Bethune St. Project
Gilchrist St	Murray St	Dead End North	Town	Local	82	2	
Bethune St	Hunter St W	Fleming Pl	Town	Collector	65	4	Bethune St. Project

STREET NAME	FROM	TO	WARD	CLASS	LENGTH (m)	PCI 2019	Notes
Union St	Dublin St	Edinburgh St	Town	Local	138	7	Requires rehabilitation
Hopkins Ave	Albertus Ave	Gordon Ave	Town	Local	82	8	Requires rehabilitation
Belmont Ave	Hunter St W	Weller St	Town	Local	85	9	
Rubidge St	Dead End South	McDonnel St	Town	Local	58	9	
Albertus Ave	Stannor Dr	Anne St	Town	Local	37	10	Requires rehabilitation
Bethune St	Fleming Pl	Brock St	Town	Collector	76	10	Bethune Street Project
Dublin St	Water St	George St N	Town	Local	92	10	Requires rehabilitation
McDonnel St	College St	Harvey St	Town	Local	65	10	Requires rehabilitation
Stewart St	Edinburgh St	Stewart St	Town	Local	43	10	
Stewart St	Stewart St	Parkhill Rd W	Town	Local	83	10	
Rubidge St	Edinburgh St	Parkhill Rd W	Town	Local	101	11	
Simcoe St	Reid St	Downie St	Town	Local	91	11	
Rubidge St	Dublin St	Edinburgh St	Town	Local	139	12	
Albertus Ave	Sherbrooke St	Bolivar St	Town	Local	85	13	
McDonnel St	Harvey St	Water St	Town	Local	90	13	Requires Rehabilitation
Stewart St	Stewart St	Parkhill Rd W	Town	Local	84	13	
Antrim St	Aylmer St N	Bethune St	Town	Local	89	14	Requires Rehabilitation
Bethune St	Simcoe St	Hunter St W	Town	Collector	137	14	Bethune St. Project
Dublin St	Bethune St	Stewart St	Town	Local	92	14	Requires rehabilitation
Gilmour St	Burrows St	Monaghan Rd	Town	Local	198	14	
McDonnel St	Dickson St	Waterford St	Town	Local	84	14	Requires rehabilitation
Penrose Ave	Sherbrooke St	Bolivar St	Town	Local	87	14	Requires rehabilitation
Dublin St	Stewart St	Rubidge St	Town	Local	90	15	Requires rehabilitation
Hopkins Ave	Park St N	Cambridge St	Town	Local	335	15	Requires rehabilitation
Murray St	Dead End East	Dickson St	Town	Local	55	15	
Simcoe St	Downie St	Park St N	Town	Local	63	15	
Water St	McDonnel St	London St	Town	Arterial	139	15	Requires rehabilitation

STREET NAME	FROM	TO	WARD	CLASS	LENGTH (m)	PCI 2019	Notes
Wolfe St	Aylmer St N	Bethune St	Town	Local	94	15	
William St	Bolivar St	King St	Town	Local	128	16	
Murray St	Cambridge St	Monaghan Rd	Town	Local	238	16	
Hunter St W	Park St N	Belmont Ave	Town	Local	121	16	
Edinburgh St	Water St	George St N	Town	Local	92	16	
Rutherford Ave	Paterson St	Sherbrooke St	Town	Local	146	16	
Belmont Ave	Homewood Ave	Hunter St W	Town	Local	70	16	
Gilmour St	Leslie Ave	Burrows St	Town	Local	133	17	
Bolivar St	Monaghan Rd	Albertus Ave	Town	Local	173	17	
College St	Murray St	McDonnel St	Town	Local	136	17	
Water St	Brock St	Murray St	Town	Arterial	138	18	Possible external Funding
Thomas St	Bolivar St	King St	Town	Local	127	18	
Princess St	Maude St	George St S	Town	Local	84	18	
Albertus Ave	Bolivar St	Stannor Dr	Town	Local	53	18	
Hart Ave	Wolfe St	Paterson St	Town	Local	75	18	
Dublin St	Rubidge St	Reid St	Town	Local	91	18	
Waterford St	McDonnel St	London St	Town	Local	136	18	
Hastings Ave	Albertus Ave	Dead End West	Town	Local	106	18	
Waterford St	London St	Dublin St	Town	Local	134	18	
Middleton Dr	Monaghan Rd	Dead End West	Town	Local	252	18	
Hall St	Rubidge St	Reid St	Town	Local	91	18	
Edinburgh St	George St N	Union St	Town	Local	150	18	
Woodland St	Monaghan Rd	Thompson Ave	Town	Local	81	19	
Charlotte St	George St N	Louis St	Town	Arterial	184	19	Future Project
Simcoe St	Aylmer St N	Bethune St	Town	Local	92	19	
Margaret Ave	King St	Charlotte St	Town	Local	142	19	
Woodland St	Albertus Ave	Gordon Ave	Town	Local	82	19	
Frederick Ave	King St	Charlotte St	Town	Local	142	19	
Brock St	Donegal St	Park St N	Town	Local	63	19	
Bethune St	Murray St	McDonnel St	Town	Collector	139	20	Bethune St. Project
Anne St	Monaghan Rd	Hazeldean Ave	Town	Local	81	20	
Gilmour St	St Joseph St	Leslie Ave	Town	Local	49	20	
London St	Aylmer St N	Bethune St	Town	Local	91	20	
Water St	London St	Dublin St	Town	Arterial	139	20	
Water St	Edinburgh St	Antrim St	Town	Arterial	137	20	
Water St	Dublin St	Edinburgh St	Town	Arterial	138	21	

STREET NAME	FROM	TO	WARD	CLASS	LENGTH (m)	PCI 2019	Notes
Lansdowne St W	Park St S	Monaghan Rd	Town	Arterial	611	21	Future Project
Princess St	Lock St	Maude St	Town	Local	85	21	
Boswell Ave	King St	Charlotte St	Town	Local	145	21	
London St	Waterford St	Harvey St	Town	Local	91	21	
Dublin St	Harvey St	Water St	Town	Local	89	21	
Bethune St	Wolfe St	Dalhousie St	Town	Local	136	21	Bethune St. Project
Perry St	Aylmer St N	Bethune St	Town	Local	98	21	
Bonaccord St	Cordach Cr	Monaghan Rd	Town	Local	348	22	
Stewart St	Charlotte St	Simcoe St	Town	Local	137	22	
Stewart St	Simcoe St	Hunter St W	Town	Local	138	22	
Hopkins Ave	Cambridge St	Monaghan Rd	Town	Local	241	22	
Anne St	Hazeldean Ave	Albertus Ave	Town	Local	92	22	
Walnut St	Cambridge St	Monaghan Rd	Town	Local	236	22	
Bonaccord St	Park St N	Cordach Cr	Town	Local	202	22	
London St	Bethune St	Stewart St	Town	Local	89	22	
Brock St	Chambers St	Aylmer St N	Town	Local	220	22	
Albertus Ave	Anne St	Huffman St	Town	Local	77	22	
Park Pl	Park St N	Wolfe St	Town	Local	45	23	
Stewart St	London St	Dublin St	Town	Local	138	23	
John St	Bolivar St	King St	Town	Local	128	23	
Murray St	Cross St	Cambridge St	Town	Local	97	23	
Donegal St	London St	Dublin St	Town	Local	138	24	
Stewart St	Dublin St	Edinburgh St	Town	Local	140	24	
Fagan Ave	Dead End East	Monaghan Rd	Town	Local	137	24	
Hunter St W	Belmont Ave	Walton St	Town	Local	214	24	
Reid St	Kirk St	Murray St	Town	Arterial	91	25	
Elias Ave	King St	Charlotte St	Town	Local	143	25	
Albertus Ave	Huffman St	Charlotte St	Town	Local	101	25	
Lake St	George St S	Aylmer St S	Town	Local	268	25	
Brewer St	Douglas Ave	Chamberlain St	Town	Local	117	25	

Underway, considered in another roads program, underground works required, or part of ongoing study

Appendix B

City of Peterborough Roads Programs: 2019-2021

Year	Road Section	From	To	Program	lane kms	Ward	Status
2019	Parkhill Road	Ravenwood	City limit	Re-construction	3.64	Monaghan	On-going
2019	Tivey Street	Rogers	End	Re-construction	0.20	Ashburnham	Complete
2019	Monaghan Road	Sherbrooke	Woodland	Preservation	2.00	Town	Complete
2019	Clonsilla Avenue	Ford	Sherbrooke	Preservation	2.00	Otonabee	Complete
2019	Sherbrooke Street	Clonsilla	Monaghan	Preservation	2.04	Town & Otonabee	Complete
2019	Water Street	Sherbrooke	Charlotte	Preservation	0.56	Town	Complete
2019	Water Street	Parkhill	Anson	Preservation	2.68	Northcrest	Complete
2019	Weller Street	Hopkins	Monaghan	Preservation	1.18	Town	Complete
2019	Wentworth Street	Ralphson	Clonsilla	Preservation	0.34	Otonabee	Complete
2020	Moorcraig Road	Cu-de-sac	Roper	Re-construction	0.34	Monaghan	On-going
2020	Roper Drive	Wallis	Moorecraig	Re-construction	0.34	Monaghan	On-going
2020	Bankside Drive	Applegrove	Cherryhill	Preservation	0.28	Monaghan	Complete
2020	Clonsilla Avenue	Sherbrooke	Hospital	Preservation	1.60	Town	Complete
2020	George Street	Parkhill	Hilliard	Preservation	1.46	Northcrest	Complete
2020	Kawartha Hts Blvd	Crestwood	Kawartha Hts Park	Preservation	1.08	Monaghan	Complete
2020	McDonnel Street	Downie	Bethune	Preservation	0.72	Town	Complete
2020	Reid Street	McDonnel	Edinburgh	Preservation	1.60	Town	Complete
2020	Aylmer Street	Sherbrooke	Perry	Preservation - Micro	1.38	Town	Complete
2020	Charlotte Street	Hospital	Park	Preservation - Micro	2.12	Town	Complete
2020	Lansdowne Street	River	Consumers	Preservation - Micro	6.64	Ashburnham	On-going
2020	Simcoe Street	Aylmer	George	Re-surfacing	0.51	Town	Complete
2020	Admundsen Avenue	Cumberland	Cartier	Re-surfacing	0.82	Northcrest	Complete
2020	McFarlane Avenue	Naish	Television	Re-surfacing	0.80	Ashburnham	Complete
2020	St Catherine Street	Hamilton	Braidwood	Re-surfacing	0.42	Otonabee	Complete

City of Peterborough Roads Programs: 2019-2021

Year	Road Section	From	To	Program	lane kms	Ward	Status
2021	Armour Road	Caddy	Parkhill	Preservation	1.00	Ashburnham	Planned
2021	Armour Road	Maria	St. Lukes	Preservation	1.00	Ashburnham	Planned
2021	George Street	Lansdowne	Lake	Preservation - Micro	1.10	Town	Planned
2021	McDonnell Street	Monaghan	Park	Preservation	1.12	Town	Planned
2021	Monaghan Road	Walnut	Parkhill	Preservation - Micro	1.41	Town	Planned
2021	Parkhill Road	Fairbairn	Downie	Preservation - Micro	1.76	Town - Northcrest	Planned
2021	Sherbrooke Street	George	Bethune	Preservation	0.64	Town	Planned
2021	Towerhill Road	Chemong	Milroy	Preservation	1.45	Northcrest	Planned
2021	Towerhill Road	Milroy	Hilliard	Preservation	1.02	Northcrest	Planned
2021	Simons Avenue	Chemong	Hillside	Re-surfacing	0.75	Northcrest	Planned
2021	Scollard Road	all	all	Re-surfacing	0.17	Northcrest	Planned
2021	Daniel Street	all	all	Re-surfacing	1.08	Northcrest	Planned
2021	Dewar Crescent	all	all	Re-surfacing	0.13	Northcrest	Planned
2021	Deana Blvd	all	all	Re-surfacing	0.38	Northcrest	Planned
2021	O'Leary Avenue	all	all	Re-surfacing	0.40	Northcrest	Planned